

LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Vladimir Segal et al.FILING DATE  
July 24, 2001GROUP  
1742

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Jm	AA 5,171,379	12/1992	Kumar et al.	—	—	
Jm	AB 5,722,165	03/1998	Kobayashi et al.	—	—	
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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
Jm	AM 252,442	09.06.1960	Australia	—	—		
Jm	AN <del>55-129784</del>	12/1980	Japan	—	—		
	AO 57-106525						
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Jm	AR	Hughes et al., "Grain Subdivision and the Development of Local Orientations in Rolled Tantalum" Tantalum, The Minerals, Metals & Materials Society, 1996, pgs. 257-262. (Year is sufficiently early so that the month is not an issue.)
Jm	AS	Arlt, Jr., "Sulfonation and Sulfonation to Thorium and Thorium Compounds" Kirk-Othmer Encyclopedia of chemical Technology vol. 22, pp. 541-564, (1993, Year is sufficiently early so that the month is not an issue.)
Jm	AT	Kirkbride et al., "The Effect of Yttrium on the Recrystallization and Grain Growth of Tantalum", J. Less-Common Metals, vol. 9, pp. 393-408, 1965. (Year is sufficiently early so that the month is not an issue.)

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Jm Muir

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EV182657006

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DO. NO. 30-5004DIV3	SERIAL NO. 09/912,616
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Vladimir Segal et al.	
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Document Number	Date	Country	Class	Subclass	Translation		
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AC		National Research Corporation Press Release, pgs. 1-4, July 1964.
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AD		National Research Corporation Data Sheet "SGS Tatalum", pgs. 1-7, no date.
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AD		ASTM Standard Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip, pgs. 558-561, 1992. (Year s sufficiently early so that the month is not an issue.)
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AE		Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Materials Research Society Symposium Proceedings, vol. 322, pgs. 413-422, 1994. (Year is sufficiently early so that the month is not an issue.)
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AF		Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Refractory Metals & Hard Materials, vol. 12, pgs. 35-40, 1994. (Year is sufficiently early so that the month is not an issue.)
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AG		Klein et al., "Inhomogeneous Textures in Tantalum Sheets" Materials Science Forum, vol. 157-162, pgs. 1423, (1994). (Year is sufficiently early so that the month is not an issue.)
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AH		Clark et al., "Influence of Transverse Rolling on the Microstructural and Texture Development in Pure Tantalum", Metallurgical Transactions, vol. 23A, pgs. 2183-2191, August 1992.
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AI		Raabe, et al., "Texture and Microstructure of Rolled and Annealed Tantalum", Materials Science and Technology, Vol. 10, pgs. 299-305, April 1994.
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AJ		Wright et al., "Texture Gradient Effects in Tantalum", International Conference on Textures of Materials, 7 pgs., September 1993.
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AK		Wright et al., "Textural and Microstructural Gradient Effects on the Mechanical Behavior of a Tantalum Plate", Metallurgical Transactions A, 25A (1994), pgs. 1-17. (Year is sufficiently early so that the month is not an issue.)
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AL		Clark et al., "Effect of Processing Variables on Texture and Texture Gradients in Tantalum", Metallurgical Transactions A, Vol. 22A, September 1991, pgs. 2039-2047.
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AM		Kumar et al., "Corrosion Resistant Properties of Tantalum" Corrosion 95, Paper No. 253, 14 pages. (No date)
<div style="font-family: cursive; font-size: 1.2em;">Jim</div>	AN		ASM Handbook, Vol. 4, 1991, "Heat Treating of Aluminum Alloys", pgs. 841-879.
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EXAMINER <div style="font-family: cursive; font-size: 1.5em;">Jim Minn</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.5em;">9/5/03</div>
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jm	AR	V.M. Segal, "Materials Processing by Simple Shear". Materials Science and Engineering A, Volume 197, 1995, pgs. 157-164. (Year is sufficiently early so that the month is not an issue.)
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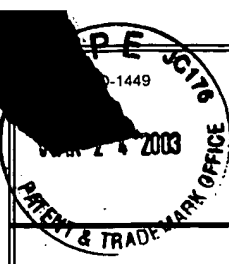
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Jon Merck

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jam	AC	4,374,717	02-1983	Drauglis et al.			
jam	AD	5,623,726	04-1997	Kiiski et al.			
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EXAMINER <i>James Merrill</i>				DATE CONSIDERED <i>9/5/03</i>			
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Form PTO-449 <div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; transform: rotate(-15deg);">           OIPE            JUN 16 2003            JIC355            PATENT &amp; TRADEMARK OFFICE         </div>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 30-5004DIV3		SERIAL NO. 09/912,616	
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<i>Jam Mink</i>				<i>9/5/03</i>			
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Form PTO-1249

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Jm	AB	6,521,173 B2	02/2003	Kumar et al.	1	1	
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							Yes	No
Jm	AM	62-297463	12/1987	Japan	1	1	x	
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Jm	AR		V.M. Segal, "Materials Processing by Simple Shear", Materials Science and Engineering A. Volume 197, 1995, pgs. 157-164. (Year is sufficiently early so that the month is not an issue.)
Jm	AS		Ruglic, "Normalizing of Steel" ASM Handbook, Vol. 4 Heat Treating, 1991, pgs. 35-41.
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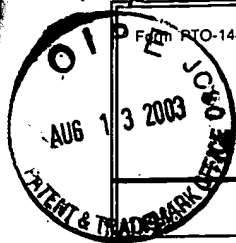
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Jm	AR		Susumu Sawada, "On Advanced Sputtering Targets of Refractory Metals and Their Silicides for VLSI-Applications", 12 <sup>th</sup> International Plansee Seminar (1989) Topic 5: Ultrapure Refractory Metals, pp. 201-222.
Jm	AS		P. Ding et al., "Copper Barrier, Seed Layer, and Planarization Technologies", June 10-12, 1997 VMIC Conference, pp. 87-92.
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